

FEB 11 1999

0629-A-01

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# BUREAU OF LAND MANAGEMENT

## MONTHLY ALERT

BLM Library Denver, CO

February 1999

### IN THIS ISSUE

- *Management Alert*
- *RECENT ADDITIONS Book List*



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# About the MONTHLY ALERT ...

## Forestry Topics

### 1. Forests and Forestry

General treatments of the subject; forestry and society; topical issues; education; agency annual reports.

### 2. Forest Operations

a. Silviculture: silvicultural systems; economics; stand improvement; measurement; operations management; natural and artificial regeneration, genetics.

b. Engineering: road construction; protective works; logging; equipment.

### 3. Forest Injury and Protection

Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.

### 4. Fire Management

All aspects, including presuppression, prevention education, behavior; fire weather.

### 5. Watershed Management, with Soil and Site Factors

Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

### 6. Range and Wildlife Management

### 7. Forest Recreation

### 8. Forest Products Research

Wood technology and utilization; markets and marketing; forest products industries.

## Allied Topics

### 9. Life Sciences

Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.

### 10. Computer Science, Statistics and Mathematics

### 11. Social Sciences

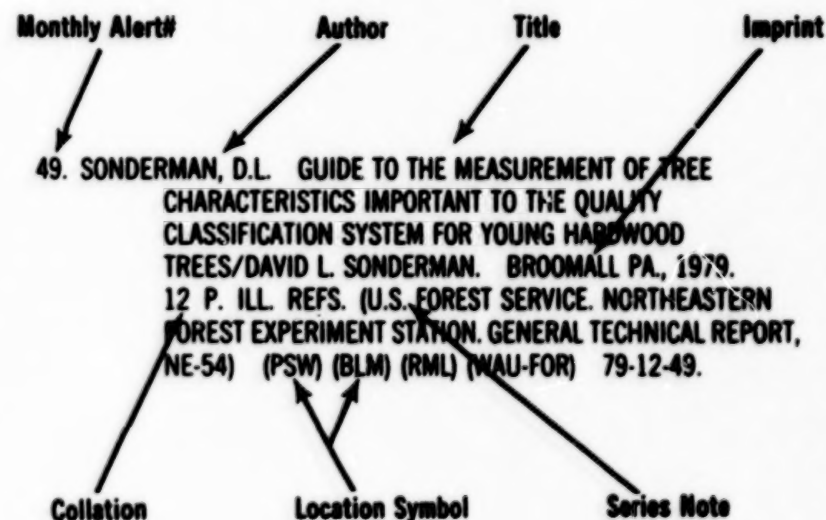
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.

### 12. Other Topics

The Species Index and the Subject Index on the following pages identify

individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

### Sample Monthly Alert Citation:



The citations listed in this Alert are arranged in broad topical categories. This permits browsing by subject interest.

## About Bureau of Land Management *Monthly Alert*

Bureau of Land Management *Monthly Alert* announces recent publications significant to natural resources management and research. These publications are located and made available through an interagency agreement between BLM and the USFS Forest Information Network. Subject areas are generally limited to renewable resources and fire management.

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# **BLM-ALERT!**

**BLM's Management Alert section is available in this month's issue.**

**NOTICE the additional items after the Geology Alert!**

## 010. FORESTRY--GENERAL

1. Bell, C. W. Ecosystem-based planning on a watershed approach. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues: March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 49-50. (General technical report PSW ; GTR-160).
2. Boyce, M. S.; Haney, A. W. Ecosystem management : applications for sustainable forest and wildlife resources. New Haven [Conn.]: Yale University Press; c1997: xiv, 361 p.
3. Forsgren, H. Federal-state jurisdiction and cooperation : a Forest Service perspective on how we are doing. Proceedings of the Western Association of Fish and Wildlife Agencies : Sparks, Nevada, July 25-30, 1997. [Sacramento, Calif. : Western Assoc. of Fish & Wildlife Agencies, 1997]: p. 36-38.
4. Hastey, E. Oak woodland management in the Bureau of Land Management. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 41-42. (General technical report PSW ; GTR-160).
5. Lyons, J. R. [Enhancing state-federal cooperation through federal natural resource policy]. Proceedings of the Western Association of Fish and Wildlife Agencies : Sparks, Nevada, July 25-30, 1997. [Sacramento, Calif. : Western Assoc. of Fish & Wildlife Agencies, 1997]: p. 20-30.
6. National Park Service : efforts to link results suggest insights for other agencies. Washington, D.C.: U.S. General Accounting Office; 1998: [54] p.
7. Phillips, B.; DeFazio, P.; Whitelaw, E.; Ehinger, P. F. The Northwest Forest Plan: four views. Inner voice; Vol. 10, issue 4 (July/Aug. 1998): p. 23-25.
8. Shelby, B.; Arbogast, S. The Future & natural resources : are we like dinosaurs? Corvallis, Or.: College of Forestry, Oregon State University; [1997]: 56 p. (Starker lectures; 1996).
9. Slonecker, E. T.; Shaw, D. M.; Lillesand, T. M. Emerging legal and ethical issues in advanced remote sensing technology. Photogrammetric engineering & remote sensing; Vol. 64, no. 6 (June 1998): p. 589-595.
10. Thomas, J. W. Devolution of the public's lands : trading a birthright for pottage. Proceedings of the Western Association of Fish and Wildlife Agencies : Sparks, Nevada, July 25-30, 1997. [Sacramento, Calif. : Western Assoc. of Fish &

Wildlife Agencies, 1997]: p. 9-19.

11. Wilson, R. A. Why the system does not work and how to fix it. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U. S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 35-37. (General technical report PSW ; GTR-160).

## 012. METHODOLOGY AND ADVANCED TECHNOLOGY

12. d'Angelo, A.; Eskandari, A.; Szidarovsky, F. Social choice procedures in water-resource management. Journal of environmental management; Vol. 52, no. 3 (Mar. 1998): p. [203]-210.
13. Grogan, P. CO2 flux measurement using soda lime : correction for water formed during CO2 adsorption. Ecology; Vol. 79, no. 4 (1998): p. 1467-1468.
14. Shilling, E. SPReAD noise prediction program. San Dimas, CA: U.S. Dept. of Agriculture, Forest Service, Technology & Development Program; 1998: 6 p. (Recreation management tech tips; 9823 1308-SDTDC).
15. Swartzendruber, D. Exact mathematical derivation of a two-term infiltration equation. Water resources research; Vol. 33, no. 3 (Mar. 1997): p. 491-496.

## 020. FOREST ECONOMICS

16. Mills, T. J.; Everest, F. H.; Janik, P.; Pendleton, B.; Shaw, C. G.; Swanson, D. N. Science-management collaboration : lessons from the revision of the Tongass National Forest plan. Western journal of applied forestry; Vol. 13, no. 3 (July 1998): p. 90-96.

## 030. FOREST ENGINEERING

17. Brakenhielm, S.; Liu, Q. Long-term effects of clear-felling on vegetation dynamics and species diversity in a boreal pine forest. Biodiversity and conservation; Vol. 7 (1998): p. [207]-220.

## 040. FOREST MENSURATION

18. Barbosa, P.; Pereira, J. M. C.; Gregoire, J.-M. Compositing criteria for burned area assessment using multitemporal low resolution satellite data. Remote sensing

of environment; Vol. 65, no. 1 (July 1998): p. 38-49.

silviculture : applied forest ecology. 9th ed. New York: John Wiley & Sons; c1997: xvii, 537 p.

19. Chojnacky, D. C. Double sampling for stratification : a forest inventory application in the interior West. Fort Collins, CO: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Research Station; 1998: 15 p. (Research paper RMRS; 7).
20. D'Erchia, F. Geographic information systems and remote sensing applications for ecosystem management. Ecosystem management : applications for sustainable forest and wildlife resources. New Haven [Conn.] : Yale University Press, c1997: p. [201]-225.
21. Engeman, R. M.; Sugihara, R. T. Optimization of variable area transect sampling using Monte Carlo simulation. Ecology; Vol. 79, no. 4 (1998): p. 1425-1434.
22. Millikin, C. S.; Bledsoe, C. S.; Tecklin, J. Woody root biomass of 40- to 90-year-old blue oaks (*Quercus douglasii*) in western Sierra Nevada foothills. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 83-89. (General technical report PSW ; GTR-160).
23. Modeling potentially sustainable biomass productivity in jack pine forest stands. Canadian journal of soil science; Vol. 78 (1998): p. 105-113.
24. Muller, S. V.; Walker, D. A.; Nelson, F. E.; Auerbach, N. A.; Bockheim, J. G.; Guyer, S.; Sherba, D. Accuracy assessment of a land-cover map of the Kuparuk River Basin, Alaska : considerations for remote regions. Photogrammetric engineering & remote sensing; Vol. 64, no. 6 (June 1998): p. 619-628.
25. Standiford, R. B. Growth of blue oak on California's hardwood rangelands. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 169-176. (General technical report PSW ; GTR-160).
26. Yang, L.; Wylie, B. K.; Tieszen, L. L.; Reed, B. C. An Analysis of relationships among climate forcing and time-integrated NDVI of grasslands over the U.S. northern and central Great Plains. Remote sensing of environment; Vol. 65, no. 1 (July 1998): p. 25-37.

#### 050. SILVICULTURE

27. Smith, D. M.; Larson, B. C.; Kelty, M. J.; Ashton, P. M. S. The practice of

#### 051. ARTIFICIAL REGENERATION

28. Adams, T. E.; Sands, P. B.; Weitkamp, W. H.; Stanley, M. E. Oak seedling establishment by artificial regeneration on California rangelands. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues: March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 215-223. (General technical report PSW ; GTR-160).
29. Griggs, F. T.; Peterson, D. R. Evaluation of techniques and costs for valley oak riparian forest restoration on the Sacramento River. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 289-295. (General technical report PSW ; GTR-160).
30. Johnson, R. Breeding design considerations for coastal Douglas-fir. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1998: 34 p. (General technical report PNW; GTR-411).

#### 052. SILVICULTURAL METHODS

31. Carlton, G. C.; Bazzaz, F. A. Resource consequence and forest regeneration following an experimental hurricane blowdown. Ecology; Vol. 79, no. 4 (1998): p. 1305-1319.
32. Cochran, P. H.; Dahms, W. G. Lodgepole pine development after early spacing in the Blue Mountains of Oregon. Portland, OR: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1998: 24 p. (Research paper PNW; RP-503).
33. Lust, N.; Muys, B.; Nachtergaele, L. Increase of biodiversity in homogeneous Scots pine stands by an ecologically diversified management. Biodiversity and conservation; Vol. 7 (1998): p. 249-260.

#### 073. PLANT PHYSIOLOGY

34. Gile, L. H.; Gibbens, R. P.; Lenz, J. M. Soil-induced variability in root systems of creosotebush (*Larrea tridentata*) and tarbush (*Flourensia cernua*). Journal of

arid environments; Vol. 39, no. 1 (May 1998): p. [57]-78.

35. O'Connell, L. M.; Johnston, M. O. Male and female pollination success in a deceptive orchid : a selection study. *Ecology*; Vol. 79, no. 4 (1998): p. 1246-1260.

#### 074. PLANT ECOLOGY

36. Elgersma, A. M. Primary forest succession on poor sandy soils as related to site factors. *Biodiversity and conservation*; Vol. 7 (1998): p. [193]-206.
37. Hall, F. C. Pacific Northwest ecoclass codes for seral and potential natural communities. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1998: 290 p. (General technical report PNW; GTR-418).
38. Halpern, C. B.; Antos, J. A.; Geyer, M. A.; Olson, A. M. Species replacement during early secondary succession : the abrupt decline of a winter annual. *Ecology*; Vol. 78, no. 2 (Mar. 1997): p. 621-631.
39. Panzer, R.; Schwartz, M. W. Effectiveness of a vegetation-based approach to insect conservation. *Conservation biology*; Vol. 12, no. 3 (June 1998): p. 693-702.
40. Parendes, L. A. Spatial patterns of invasion by exotic plants in a forested landscape; c1997: 208 leaves. (Thesis (Ph. D.)—Oregon State University, 1997).
41. Spencer, S.; Tinnin, R. Effects of coal dust on plant growth and species composition in an arid environment. *Journal of arid environments*; Vol. 37, no. 3 (Nov. 1997): p. [475]-485.

#### 080. PLANT INJURY/PEST CONTROL

42. Burdick, T. E.; Krebill, R. G.; Amman, G. D.; Hawksworth, F. G.; Koci, P. Attack on lodgepole pines by fungi, mistletoe, adverse atmospheres, animals, and insects. Lodgepole pine in North America. Madison, Wis. : Forest Products Society, c1996: p. 213-343.
43. Cochran, P. H. Examples of mortality and reduced annual increments of white fir induced by drought, insects, and disease at different stand densities. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1998: 19 p. (Research note PNW; RN-525).

#### 081. MYCOLOGY/PATHOLOGY

44. Becker, H. Setting the stage to screen biocontrol fungi. *Agricultural research*; Vol. 46, no. 7 (July 1998): p. 10.
45. Muir, P. S.; McCune, B. Environmental factors influencing the distribution of the lichens *Lobaria oregana* and *L. pulmonaria*. *Bryologist*; Vol. 99, no. 1 (1996): p. 12-18.
46. Redhead, S. A.; Norvell, L. L.; Danell, E. *Cantharellus formosus* and the Pacific golden chanterelle harvest in western North America. *Mycotaxon*; Vol. 63 (Oct./Dec. 1997): p. 285-322.

#### 082. INSECTS AND OTHER INVERTEBRATES

47. Becker, H. Watch out, soft-bodied pests! *Agricultural research*; Vol. 46, no. 7 (July 1998): p. 14-15.
48. Marvier, M. A Mixed diet improves performance and herbivore resistance of a parasitic plant. *Ecology*; Vol. 79, no. 4 (1998): p. 1272-1280.
49. Swengel, A. B. Effects of management on butterfly abundance in tallgrass prairie and pine barrens. *Biological conservation*; Vol. 83, no. 1 (1998): p. 77-89.

#### 083. HARMFUL VEGETATION

50. Wood, M. Toppling tall whitetop. *Agricultural research*; Vol. 46, no. 7 (July 1998): p. 18-19.

#### 084. ENVIRONMENTAL INJURY

51. Yanosky, T. M.; Kappel, W. M. Effects of solution mining of salt on wetland hydrology as inferred from tree rings. *Water resources research*; Vol. 33, no. 3 (Mar. 1997): p. 457-470.

#### 090. FIRES

52. Federal lands : land management agencies' wildfire suppression expenditures. Washington, D.C.: U.S. General Accounting Office; 1998: 13 p.
53. Stephens, S. L. Fire history of a mixed oak-pine forest in the foothills of the Sierra Nevada, El Dorado County, California. *Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22,*

1995, San Luis Obispo, California. Albany, Calif.: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 191-198. (General technical report PSW; GTR-160).

54. Stratton, R. D. A geographic information system assessment method for fire management: identifying fire danger areas.; 1998: xii, 103 p. (Thesis M.S.)—Utah State University, 1998).
55. Weise, D. R.; Gelobter, A.; Haase, S. M.; Sackett, S. S. Photo series for quantifying fuels and assessing fire risk in giant sequoia groves. Albany, Calif.: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station; 1997: 49 p. (General technical report PSW; GTR-163).
56. Wildland fire research: future search conference notes, Park City, Utah, October 6-8, 1997. Fort Collins, CO: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Research Station; 1998: iv, 48 p. (Proceedings RMRS; 1).

#### 100. PHYSICAL ENVIRONMENT

57. Bell, T. A. Sediment trapping by riparian vegetation of varying heights for gully restoration; 1998: iv, 127 p. (Thesis (M.S.)—Utah State University, 1998).
58. McClelland, D. E.; Foltz, R. B.; Falter, C. M.; Wilson, W. D.; Cundy, T.; Schuster, R. L.; Saurbier, J.; Rabe, C.; Heinemann, R. A. The relative effects of landslides resulting from episodic storms on a low-volume road system in northern Idaho. Engineering field notes; Vol. 30 (May-Aug. 1998): p. 7-22.
59. Robichaud, P. R. Spatially-varied erosion potential from harvested hillslopes after prescribed fire in the interior northwest; 1996: xxii, 219 p. (Thesis (Ph. D.)—University of Idaho, 1996).

#### 101. SOILS

60. Corns, I. G. W.; Maynard, D. G. Effects of soil compaction and chipped aspen residue on aspen regeneration and soil nutrients. Canadian journal of soil science; Vol. 78 (1998): p. 85-92.
61. Di, H. J.; Aylmore, L. A. G.; Kookana, R. S. Degradation rates of eight pesticides in surface and subsurface soils under laboratory and field conditions. Soil science; Vol. 163, no. 5 (May 1998): p. 404-411.
62. Klemmedson, J. O.; Tiedemann, A. R. Lithosequence of soils and associated vegetation on subalpine range of the Wasatch Plateau, Utah. Portland, Or.: U.S.

Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1998: 16 p. (Research note PNW; RN-524).

63. Sano, E. E.; Huete, A. R.; Troufleau, D.; Moran, M. S.; Vidal, A. Relation between ERS-1 synthetic aperture radar data and measurements of surface roughness and moisture content of rocky soils in a semiarid rangeland. Water resources research; Vol. 34, no. 6 (June 1998): p. 1491-1498.
64. Stolpe, N. B.; Kuzila, M. S.; Shea, P. J. Importance of soil map detail in predicting pesticide mobility in terrace soils. Soil science; Vol. 163, no. 5 (May 1998): p. 394-403.
65. Stone, D. M.; Elioff, J. D. Soil properties and aspen development five years after compaction and forest floor removal. Canadian journal of soil science; Vol. 78 (1998): p. 51-58.
66. Tiedemann, A. R.; Mason, R. R.; Wickman, B. E. Forest floor and soil nutrients five years after urea fertilization in a grand fir forest. Northwest science; Vol. 72, no. 2 (May 1998): p. 88-95.
67. Wang, D.; Yates, S. R.; Lowery, B.; van Genuchten, M. T. Estimating soil hydraulic properties using tension infiltrometers with varying disk diameters. Soil science; Vol. 163, no. 5 (May 1998): p. 356-361.

#### 102. HYDROLOGY

68. Anderson, S. P.; Dietrich, W. E.; Torres, R.; Montgomery, D. R.; Loague, K. Concentration-discharge relationships in runoff from a steep, unchanneled catchment. Water resources research; Vol. 33, no. 1 (Jan. 1997): p. 211-225.
69. Baker, L. A.; Qureshi, T. M.; Wyman, M. M. Sources and mobility of arsenic in the Salt River watershed, Arizona. Water resources research; Vol. 34, no. 6 (June 1998): p. 1543-1552.
70. Bren, L. J. Effects of slope vegetation removal on the diurnal variations of a small mountain stream. Water resources research; Vol. 33, no. 2 (Feb. 1997): p. 321-331.
71. Campbell, C. G.; Allen-Diaz, B. H. Livestock grazing and riparian habitat water quality: an examination of oak woodland springs in the Sierra foothills of California. Proceedings of a symposium on oak woodlands: ecology, management, and urban interface issues: March 19-22, 1996, San Luis Obispo, California. Albany, Calif.: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 339-346. (General technical report PSW;

GTR-160).

72. Hadley, R. F.; Emmett, W. W. Channel changes downstream from a dam. *Journal of the American Water Resources Association*; Vol. 34, no. 3 (June 1998): p. 629-637.
73. Han, H.; Felker, P. Estimation of daily soil water evaporation using an artificial neural network. *Journal of arid environments*; Vol. 37, no. 2 (Oct. 1997): p. [251]-260.
74. Kemp, P. R.; Reynolds, J. F.; Pachepsky, Y.; Chen, J. L. A Comparative modeling study of soil water dynamics in a desert ecosystem. *Water resources research*; Vol. 33, no. 1 (Jan. 1997): p. 73-90.
75. Larsen, R. E.; George, M. R.; McDougald, N. K.; Tate, K. W.; Fulgham, K. O. Preliminary results from the evaluation of different seasons and intensities of grazing on the erosion of intermittent streams at the San Joaquin Experimental Range. Proceedings of a symposium on oak woodlands: ecology, management, and urban interface issues: March 19-22, 1996, San Luis Obispo, California. Albany, Calif.: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 331-337. (General technical report PSW; GTR-160).
76. Li, G.; Abrahams, A. D. Effect of saltating sediment load on the determination of the mean velocity of overland flow. *Water resources research*; Vol. 33, no. 2 (Feb. 1997): p. 341-347.
77. Montgomery, D. R.; Buffington, J. M. Channel-reach morphology in mountain drainage basins. *Geological Society of America bulletin*; Vol. 109, no. 5 (1997): p. 2-17. Cooperative research agreements PNW 93-0441 and 94-0617.
78. Montgomery, D. R.; Dietrich, W. E.; Torres, R.; Anderson, S. P.; Heffner, J. T.; Loague, K. Hydrologic response of a steep, unchanneled valley to natural and applied rainfall. *Water resources research*; Vol. 33, no. 1 (Jan. 1997): p. 91-109.
79. Salvucci, G. D. Soil and moisture independent estimation of stage-two evaporation from potential evaporation and albedo or surface temperature. *Water resources research*; Vol. 33, no. 1 (Jan. 1997): p. 111-122.
80. Sharma, A.; Tarboton, D. G.; Lall, U. Streamflow simulation: a nonparametric approach. *Water resources research*; Vol. 33, no. 2 (Feb. 1997): p. 291-308.
81. Shin, D.; Lee, K. K.; Kim, J. W. Spatial variability of conductivity as applied to distributed parameter infiltration models. *Journal of the American Water Resources Association*; Vol. 34, no. 3 (June 1998): p. 545-558.

82. Shook, K.; Gray, D. M. Synthesizing shallow seasonal snow covers. *Water resources research*; Vol. 33, no. 3 (Mar. 1997): p. 419-426.
83. Tarboton, D. G. A new method for the determination of flow directions and upslope areas in grid digital elevation models. *Water resources research*; Vol. 33, no. 2 (Feb. 1997): p. 309-319.

#### 103. GEOLOGY/MINING/MINERAL RESOURCES

84. Scherer, G.; Everett, R. Using soil island plantings as dispersal vectors in large area copper tailings reforestation. [15th annual national meeting of the American Society for Surface Mining and Reclamation, 1998 May 17-21, St. Louis, MO]. [S.L.]: American Society for Surface Mining and Reclamation, 1998: p. 73-84.

#### 104. CLIMATOLOGY/METEOROLOGY/PHYSICS

85. de Wekker, S. F. J.; Zhong, S.; Fast, J. D.; Whiteman, C. D. A Numerical study of the thermally driven plain-to-basin wind over idealized basin topographies. *Journal of applied meteorology*; Vol. 37, no. 6 (June 1998): p. 606-622.
86. Duan, J.; Selker, J.; Grant, G. E. Evaluation of probability density functions in precipitation models for the Pacific Northwest. *Journal of the American Water Resources Association*; Vol. 34, no. 3 (June 1998): p. 617-627.
87. Gustavsson, T.; Karlsson, M.; Bogren, J.; Lindqvist, S. Development of temperature patterns during clear nights. *Journal of applied meteorology*; Vol. 37, no. 6 (June 1998): p. 559-571.
88. Ibanez, M.; Perez, P. J.; Caselles, V.; Castellvi, F. A Simple method for estimating the latent heat flux over grass from radiative Bowen ratio. *Journal of applied meteorology*; Vol. 37, no. 4 (Apr. 1998): p. 387-392.
89. Malek, E.; Bingham, G. E. Partitioning of radiation and energy balance components in an inhomogeneous desert valley. *Journal of arid environments*; Vol. 37, no. 2 (Oct. 1997): p. [193]-207.
90. Price, M. V.; Waser, N. M. Effects of experimental warming on plant reproductive phenology in a subalpine meadow. *Ecology*; Vol. 79, no. 4 (1998): p. 1261-1271.

#### 112. TERRESTRIAL ANIMALS

91. Alaja, P.; Mikkola, H. Albinism in the great gray owl (*Strix nebulosa*) and other owls. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 33-37. (General technical report NC ; 190).
92. Arsenault, D. P.; Hodgson, A.; Stacey, P. B. Dispersal movements of juvenile Mexican spotted owls (*Strix occidentalis lucida*) in New Mexico. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 47-57. (General technical report NC ; 190).
93. Bevis, K. R.; Richards, J. E.; King, G. M.; Hanson, E. E. Food habits of the northern spotted owl (*Strix occidentalis caurina*) at six nest sites in Washington's eastern Cascades. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 68-73. (General technical report NC ; 190).
94. Buchanan, J. T. A spatial analysis of the burrowing owl (*Speotyto cunicularia*) population in Santa Clara County, California, using a geographic information system. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 90-96. (General technical report NC ; 190).
95. Christie, D. A.; Van Woudenberg, A. M. Modeling critical habitat for flammulated owls (*Otus flammeolus*). Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 97-106. (General technical report NC ; 190).
96. Clayton, K. M.; Schmutz, J. K. Burrowing (*Speotyto cunicularia*) owl survival in prairie Canada. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 107-110. (General technical report NC ; 190).
97. Ellsworth, E.; Belthoff, J. R. Sex-biased dispersal of young western screech-owls (*Otus kennicottii*) in southwestern Idaho. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 155-159. (General technical report NC ; 190).
98. Gende, S. M.; Willson, M. F. Supplemental feeding experiments of nesting bald eagles in southeastern Alaska. Journal of field ornithology; Vol. 68, no. 4 (autumn 1997): p. 590-601.
99. Hayward, G. D.; McDonald, D. B. Matrix population models as a tool in development of habitat models. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 205-212. (General technical report NC ; 190).
100. Hines, E. M.; Franklin, J. A sensitivity analysis of a map of habitat quality for the California spotted owl (*Strix occidentalis occidentalis*) in southern California. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 218-236. (General technical report NC ; 190).
101. Holroyd, G. L.; Takats, D. L. Report of the nocturnal raptor monitoring workshop. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 609-611. (General technical report NC ; 190).
102. Holroyd, G. L.; Wellicome, T. I. Report on the western burrowing owl (*Speotyto cunicularia*) conservation workshop. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 612-615. (General technical report NC ; 190).
103. Johnson, D. H. Wing loading in 15 species of North American owls. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 553-561. (General technical report NC ; 190).
104. Kearns, A. E. The role and management implications of modeling owl populations and the habitats they occupy. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 616-619. (General technical report NC ; 190).

105. Kuntz, W. A.; Stacey, P. B. Preliminary investigation of vocal variation in the Mexican spotted owl (*Strix occidentalis lucida*): would vocal analysis of the four-note location call be a useful field tool for individual identification? Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 562-568. (General technical report NC ; 190).
106. Linkhart, B. D.; Reynolds, R. T. Territories of flammulated owls (*Otus flammeolus*) : is occupancy a measure of habitat quality? Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 250-254. (General technical report NC ; 190).
107. Lutz, R. S.; Plumpton, D. L. Metapopulation dynamics of a burrowing owl (*Speotyto cunicularia*) population in Colorado. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 255-259. (General technical report NC ; 190).
108. Marti, C. D. A 20-year study of barn owl (*Tyto alba*) reproduction in northern Utah. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 261. (General technical report NC ; 190).
109. Marti, C. D. Flammulated owls (*Otus flammeolus*) breeding in deciduous forests. Biology and conservation of owls of the northern hemisphere : conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 286-298. (General technical report NC ; 190).
110. Mossop, D. H. The importance of old growth refugia in the Yukon boreal forest to cavity-nesting owls. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service Experiment Station, 1997 : p. 584-586. (General Technical report NC ; 190).
111. Murphy, R. K. Importance of prairie wetlands and avian prey to great horned owls (*Bubo virginianus*) in northwestern North Dakota. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997 : p. 286-298. (General technical report NC ; 190).
112. Perkins, J. P. Landscape patterns around northern spotted owl (*Strix occidentalis caurina*) nest sites in Oregon's central Coast Ranges. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 314. (General technical report NC ; 190).
113. Seaman, D. E. Abundance and population characteristics of northern spotted owls (*Strix occidentalis caurina*) in Olympic National Park, Washington. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 381. (General technical report NC ; 190).
114. Sheffield, S. R. Current status, distribution, and conservation of the burrowing owl (*Speotyto cunicularia*) in midwestern and western North America. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 399-407. (General technical report NC ; 190).
115. Sheffield, S. R. Owls as biomonitors of environmental contamination. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 383-398. (General technical report NC ; 190).
116. Thraikill, J. A.; Anthony, R. G.; Meslow, E. C. An update of demographic estimates for northern spotted owl (*Strix occidentalis caurina*) from Oregon's central Coast Ranges. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 432-448. (General technical report NC ; 190).
117. Trulio, L. A. Strategies for protecting western burrowing owls (*Speotyto cunicularia hypugaea*) from human activities. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 461-465. (General technical report NC ; 190).
118. Warnock, R. G.; James, P. C. Habitat fragmentation and burrowing owls

(*Speotyto cunicularia*) in Saskatchewan. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 477-486. (General technical report NC ; 190).

119. Weathers, W. W.; Greene, E. Thermoregulatory responses of bridled and juniper titmice to high temperature. *Condor*, Vol. 100 (1998): p. 365-372.
120. Wellicome, T. I. The effects of predator exclusion and food supplementation on burrowing owl (*Speotyto cunicularia*) population change in Saskatchewan. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 487-497. (General technical report NC ; 190).
121. Wilkinson, T. Without a trace. *National parks*, Vol. 72, nos. 7/8 (July/Aug. 1998): p. 26-29.
122. Witt, J. W. Distribution of the marbled murrelet in southwestern Oregon. *Northwest science*, Vol. 72, no. 2 (May 1998): p. 96-101.
123. Wright, V.; Hejl, S. J.; Hutto, R. L. Conservation implications of a multi-scale study of flammulated owl (*Otus flammeolus*) habitat use in the northern Rocky Mountains, USA. Biology and conservation of owls of the northern hemisphere : second international symposium, February 5-9, 1997, Winnipeg, Manitoba, Canada. St. Paul, Minn. : USDA Forest Service, North Central Forest Experiment Station, 1997: p. 506-516. (General technical report NC ; 190).

#### 113. AQUATIC ANIMALS

124. Dill, W. A.; Cordone, A. J. History and status of introduced fishes in California, 1871-1996. [Sacramento, Calif.?]: State of California, The Resources Agency, Dept. of Fish and Game; 1997: 414 p. (Fish bulletin; 178).
125. Dunham, J. B. The population ecology of stream-living Lahontan cutthroat trout (*Oncorhynchus clarki henshawi*); 1996: xv, 115 p. (Thesis (Ph. D.)--University of Nevada, Reno, 1996).
126. Griswold, K. E.; Currens, K. P.; Reeves, G. H. Genetic and meristic divergence of coastal cutthroat trout residing above and below barriers in two coastal basins. Sea-run cutthroat trout : biology, management, and future conservation : proceedings of a symposium, Reedsport, Oregon, October 12-14, 1995. Corvallis, Or. : Oregon Chapter of the American Fisheries Society, 1997: p. 167-169.

127. Hall, J. D.; Bisson, P. A.; Gresswell, R. E. Sea-run cutthroat trout : biology, management, and future conservation : proceedings of a symposium, Reedsport, Oregon, October 12-14, 1995. Corvallis, Or. : Oregon Chapter of the American Fisheries Society; 1997: xii, 183 p.
128. Huston, J. E. Montana's native rainbows. *Montana outdoors*, Vol. 29, no. 2 (Mar./Apr. 1998): p. 20-23.
129. Johnston, B. D.; Seubert, J. M.; Kennedy, C. J. Biochemical effects of didecyldimethylammonium chloride (DDAC) exposure and osmoregulatory stress on juvenile coho salmon, *Oncorhynchus kisutch*. *Archives of environmental contamination and toxicology*, Vol. 34 (1998): p. 275-279.
130. Kieser, J. M.; Blaustein, A. R. Influences of egg laying behavior on pathogenic infection of amphibian eggs. *Conservation biology*, Vol. 11, no. 1 (Feb. 1997): p. 214-220.
131. Reeves, G. H.; Hall, J. D.; Gregory, S. V. The impact of land-management activities on coastal cutthroat trout and their freshwater habitats. Sea-run cutthroat trout : biology, management, and future conservation : proceedings of a symposium, Reedsport, Oregon, October 12-14, 1995. Corvallis, Or. : Oregon Chapter of the American Fisheries Society, 1997: p. 138-144.
132. Thoms, C. A.; Corkran, C. C.; Olson, D. H. Basic amphibian survey for inventory and monitoring in lentic habitats. Sampling amphibians in lentic habitats : methods and approaches for the Pacific Northwest. Olympia, Wash. : Society for Northwestern Vertebrate Biology, 1997: p. 35-46. (Northwest fauna ; 4).

#### 115. ANIMAL ECOLOGY

133. Bartolome, J. W. The influence of cattle grazing on California ground squirrels in a blue oak savanna. Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 327-330. (General technical report PSW : GTR-160).
134. Ellis, L. M.; Crawford, C. S.; Mollen, M. C. Rodent communities in native and exotic riparian vegetation in the Middle Rio Grande Valley of central New Mexico. *Southwestern naturalist*, Vol. 42, no. 1 (Mar. 1997): p. [13]-19.
135. Gompper, M. E.; Williams, E. S. Parasite conservation and the black-footed ferret recovery program. *Conservation biology*, Vol. 12, no. 3 (June 1998): p. 730-732.

136. Henke, E. J.; Rosenblatt, D. L.; Sugg, D. W. Population dynamics of small mammals in an oak woodland-grassland-chaparral habitat mosaic. *Southwestern naturalist*; Vol. 42, no. 1 (Mar. 1997): p. [1]-12.
137. Hobson, K. A.; Villard, M.-A. Forest fragmentation affects the behavioral response of American redstarts to the threat of cowbird parasitism. *Condor*; Vol. 100 (1998): p. 389-394.
138. Koenig, W. D. Spatial autocorrelation in California land birds. *Conservation biology*; Vol. 12, no. 3 (June 1998): p. 612-620.
139. Law, B. S.; Dickman, C. R. The use of habitat mosaics by terrestrial vertebrate fauna : implications for conservation and management. *Biodiversity and conservation*; Vol. 7 (1998): p. 323-333.
140. Maher, C. R. Group stability, activity budgets, and movements of pronghorn females. *Southwestern naturalist*; Vol. 42, no. 1 (Mar. 1997): p. [25]-32.
141. Myerud, A.; Ims, R. A. Functional responses in habitat use : availability influences relative use in trade-off situations. *Ecology*; Vol. 79, no. 4 (1998): p. 1435-1441.
142. O'Donoghue, M.; Boutin, S.; Krebs, C. J.; Zuleta, G.; Murray, D. L.; Hofer, E. J. Functional responses of coyotes and lynx to the snowshoe hare cycle. *Ecology*; Vol. 79, no. 4 (1998): p. 1193-1208.
143. Rotenberry, J. T.; Wiens, J. A. Foraging patch selection by shrubsteppe sparrows. *Ecology*; Vol. 79, no. 4 (1998): p. 1160-1173.
144. Suzuki, N.; McComb, W. C. Habitat classification models for beaver (*Castor canadensis*) in the streams of the central Oregon Coast Range. *Northwest science*; Vol. 72, no. 2 (May 1998): p. 102-110.
145. Wilson, A. G.; Larsen, J. H. Biogeographic analysis of the Coeur d'Alene salamander (*Plethodon idahoensis*). *Northwest science*; Vol. 72, no. 2 (May 1998): p. 111-115.
146. Wilson, G. R.; Brittingham, M. C.; Goodrich, L. J. How well do artificial nests estimate success of real nests? *Condor*; Vol. 100 (1998): p. 357-364.

## 120. RANGE MANAGEMENT

147. Frost, W. E.; McDougald, N. K. Influence of supplemental feeding sites on use of hardwood rangeland riparian areas by cattle. *Proceedings of a symposium on oak*

woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 347-350. (General technical report PSW ; GTR-160).

148. O'Sullivan, R. A California cattleman's perspective on the oak hardwood issue. *Proceedings of a symposium on oak woodlands : ecology, management, and urban interface issues : March 19-22, 1996, San Luis Obispo, California*. Albany, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 1997: p. 11-16. (General technical report PSW ; GTR-160).
149. Stubbendieck, J.; Hatch, S. L.; Butterfield, C. H. *North American range plants*. 5th ed. Lincoln, Neb.: Univ. of Nebraska Press; c1997: xv, 501 p.

## 131. LAND USE-GENERAL

150. Devine, D. L.; Wood, M. K.; Donart, G. B. Runoff and erosion from a mosaic tobosagrass and burrograss community in the northern Chihuahuan Desert grassland. *Journal of arid environments*; Vol. 39, no. 1 (May 1998): p. [11]-19.
151. Rothrock, J. A.; Barten, P. K.; Ingman, G. L. Land use and aquatic biointegrity in the Blackfoot River Watershed, Montana. *Journal of the American Water Resources Association*; Vol. 34, no. 3 (June 1998): p. 565-581.
152. Wuerthner, G. High stakes : the legacy of mining. *National parks*; Vol. 72, nos. 7/8 (July/Aug. 1998): p. [22]-25.

## 132. URBAN FORESTRY

153. Dunster, J. A. The role of arborists in providing wildlife habitat and landscape linkages throughout the urban forest. *Journal of arboriculture*; Vol. 24, no. 3 (May 1998): p. 160-167.

## 140. FOREST RECREATION

154. McFarlane, B. L.; Boxall, P. C.; Watson, D. O. Past experience and behavioral choice among wilderness users. *Journal of leisure research*; Vol. 30, no. 2 (1998): p. 195-213.

## 150. SOCIAL SCIENCE AND EDUCATION

155. Forsyth, T. Mountain myths revisited : integrating natural and social environmental science. *Mountain research and development*; Vol. 18, no. 2 (May 1998): p. [107]-116.
  156. Godlovitch, S. Offending against nature. *Environmental values*; Vol. 7, no. 2 (1998): p. 131-150.
  157. Roe, E.; Huntsinger, L.; Labnow, K. High reliability pastoralism. *Journal of arid environments*; Vol. 39, no. 1 (May 1998): p. [39]-55.
  158. Uekoetter, F. Confronting the pitfalls of current environmental history : an argument for the organisational approach. *Environment and history*; Vol. 4, no. 1 (1998): p. 31-52.
160. ECOSYSTEMS
159. Amaranthus, M. P. Forest sustainability : an approach to definition and assessment at the landscape level. Portland, Or.: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1997: 14 p. (General technical report PNW; GTR-416).
  160. Apfelbaum, S. I.; Chapman, K. A. Ecological restoration : a practical approach. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [301]-322.
  161. Batabyal, A. A. On some aspects of ecological resilience and the conservation of species. *Journal of environmental management*; Vol. 52, no. 4 (Apr. : 1998): p. [373]-378.
  162. Boyce, M. S.; Payne, N. F. Applied disequilibria : riparian habitat management for wildlife. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [133]-146.
  163. Boyce, M. S. Population viability analysis : adaptive management for threatened and endangered species. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [226]-236.
  164. Christensen, N. L. Implementing ecosystem management : where do we go from here? *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [325]-341.
  165. DeMaynadier, P.; Hunter, M. The role of keystone ecosystems in landscapes. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [68]-76.
  166. Drechsler, M.; Wissel, C. Trade-offs between local and regional scale management of metapopulations. *Biological conservation*; Vol. 83, no. 1 (1998): p. 31-41.
  167. Franklin, J. F. Ecosystem management : an overview. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [21]-53.
  168. Fredrickson, L. H. Managing forested wetlands. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [147]-177.
  169. Hargis, C. D.; Bimonette, J. A.; David, J. L. The behavior of landscape metrics commonly used in the study of habitat fragmentation. *Landscape ecology*; Vol. 13, no. 3 (June 1998): p. 167-186.
  170. Norton, D. J.; Davis, D. G. Policies for protecting aquatic diversity. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [276]-300.
  171. Noss, R. F.; Scott, J. M. Ecosystem protection and restoration : the core of ecosystem management. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [239]-264.
  172. Temple, S. A. Maintaining the integrity of managed ecosystems : the challenges of preserving rare species. *Ecosystem management : applications for sustainable forest and wildlife resources*. New Haven [Conn.] : Yale University Press, c1997: p. [77]-93.
  173. Tinker, D. B.; Resor, C. A. C.; Beauvais, G. P.; Kipfmüller, K. F.; Fernandez, C. I.; Baker, W. L. Watershed analysis of forest fragmentation by clearcuts and roads in a Wyoming forest. *Landscape ecology*; Vol. 13, no. 3 (June 1998): p. 149-165.
170. WILDLIFE MANAGEMENT
174. Beers, C. Where are the ferrets? *Wyoming wildlife*; Vol. 61, no. 3 (Mar. 1997): p. 10-17.
  175. Boroski, B. B.; Moorman, A. S. Water use patterns of male deer (*Odocoileus*

hemionus) and the effects of human disturbance. *Journal of arid environments*; Vol. 38, no. 4 (Apr. 1998): p. 561-569.

176. Cooper, J. South Dakota : incorporating human dimensions information into deer management decisions: a case study: Black Hills deer management. *Proceedings of the Western Association of Fish and Wildlife Agencies* : Sparks, Nevada, July 25-30, 1997. [Sacramento, Calif. : Western Assoc. of Fish & Wildlife Agencies, 1997]: p. 56-62.
177. Franzreb, K. E. A Mobile aviary design to allow the soft release of cavity nesting birds. Asheville, N.C.: U.S. Dept. of Agriculture, Forest Service, Southern Research Station; 1997: 4 p. (Research note SRS; 5).
178. Gocke, M.; Parker, L.; Hallen, G. The flight back. *Wyoming wildlife*; Vol. 62, no. 6 (June 1998): p. 35-41.
179. Lewis, J. C. Creating snags and wildlife trees in commercial forest landscapes. *Western journal of applied forestry*; Vol. 13, no. 3 (July 1998): p. 97-101.
180. McCarthy, M. A. Identifying declining and threatened species with museum data. *Biological conservation*; Vol. 83, no. 1 (1998): p. 9-17.
181. Perry, T. W.; Cryan, P. M.; Davenport, S. R.; Bogan, M. A. New locality for *Euderma maculatum* (Chiroptera: Vespertilionidae) in New Mexico. *Southwestern naturalist*; Vol. 42, no. 1 (Mar. 1997): p. 99-101.
182. Wyoming's threatened & endangered species : on the edge. *Wyoming wildlife*; Vol. 62, no. 6 (June 1998): p. [15]-34.

### 300. OTHER TOPICS

183. Miner, L. E.; Miner, J. T.; Griffith, J. *Proposal planning & writing*. 2nd. ed. Phoenix: Oryx Press; c1998: vii, 174 p.

## GEOLOGY ALERT

### COAL/HYDROCARBON

- G001. TITLE: Generation and expulsion of petroleum and gas from Almond Formation coal, greater Green River Basin, Wyoming; discussions and reply  
AUTHOR(S): Hower, James C.; Cardott, Brian J.; Croisdale, Peter J.; Innan, Sedat; Yalcin, M. Namik; Garcia-Gonzalez, Mario; Surdam, Ronald C.; Lee, Milton L.  
SOURCE: AAPG Bulletin vol. 82 no. 11; p. 2135-2147  
DATE: 199811  
NOTE: For reference to original see Garcia-Gonzalez, Mario, Surdam, Ronald C. and Lee, Milton L., AAPG Bull., Vol. 81, No. 1, p. 62-81, Jan. 1997
- G002. TITLE: Ferron Sandstone Project nears completion, generates international interest  
AUTHOR(S): Madden, Tim  
SOURCE: Survey Notes - Utah Geological Survey vol. 30 no. 3; p. 10-11  
DATE: 199805  
ISSN: 1061-7930  
LANGUAGE: English
- G003. TITLE: Coal update  
AUTHOR(S): Lyman, Robert M.  
SOURCE: Wyoming Geo-Notes vol. 58 p. 24-40  
DATE: 199805

### MINERALS/MINERALOGY

- G004. MONOGRAPH TITLE: Resistivity of Lake Valley Fault from audiomagnetotelluric measurements, Sierra County, southern New Mexico  
AUTHOR(S): Klein, Douglas P.; Wise, Richard A.  
SOURCE: Open-File Report - U. S. Geological Survey  
DATE: 1998 74 p.  
REPORT NO.: OF 98-0334  
NOTE: Includes appendix
- G005. MONOGRAPH TITLE: Mineral and energy resource assessment of the Carson City urban interface area  
AUTHOR(S): Tingley, Joseph V.; Castor, Stephen B.; Garrido, Larry J.; LaPointe, Daphne D.

SOURCE: NBMG Open-File Report  
DATE: 1998 132 p.  
ISSN: 0749-937X  
REPORT NO.: 98-5

G006. TITLE: Oil and gas  
AUTHOR(S): Davis, David A.  
MONOGRAPH TITLE: The Nevada mineral industry; 1997  
PUBLISHER: Nevada Bureau of Mines and Geology, Reno, NV, United States  
SOURCE: Special Publication - Nevada Bureau of Mines and Geology p. 47-53  
DATE: 1998  
ISSN: 0275-6285  
REPORT NO.: MI-1997

G007. TITLE: Industrial minerals  
AUTHOR(S): Castor, Stephen B.  
MONOGRAPH TITLE: The Nevada mineral industry; 1997  
SOURCE: Special Publication - Nevada Bureau of Mines and Geology p. 42-44  
DATE: 1998

G008. TITLE: Major precious-metal deposits  
AUTHOR(S): Tingley, Joseph V.; Bonham, Harold F., Jr.  
MONOGRAPH TITLE: The Nevada mineral industry; 1997  
SOURCE: Special Publication - Nevada Bureau of Mines and Geology p. 27-41  
DATE: 1998

G009. TITLE: Quartz-alunite alteration in the western part of the Virginia Range, Washoe and Storey counties, Nevada  
AUTHOR(S): Vikre, Peter G.  
SOURCE: Economic Geology and the Bulletin of the Society of Economic Geologists vol. 93 no. 3; p. 338-346  
DATE: 199805  
ISSN: 0361-0128

G010. TITLE: Revisiting the Comstock; where the ghosts still live to remind us of the wealth of the past  
AUTHOR(S): McPherson, Roger  
SOURCE: Rock & Gem vol. 28 no. 10; p. 48-50  
DATE: 199810

G011. TITLE: Solute transport in seasonal perched water tables in loess-derived soils  
AUTHOR(S): Reuter, R. J.; McDaniel, P. A.; Hammel, J. E.; Falen, A. L.  
SOURCE: Soil Science Society of America Journal vol. 62 no. 4; p. 977-983  
DATE: 199808

G012. TITLE: Bixbyite, rutile and amethyst crystals near Marysville, Piute County  
AUTHOR(S): Hatfield, Stanley C.  
SOURCE: Survey Notes - Utah Geological Survey vol. 30 no. 3; p. 9  
DATE: 199805  
ISSN: 1061-7930  
ILLUSTRATIONS: illus.  
COORDINATES: Latitude: N380800 ; N383300 ; Longitude: W1115000 ; W1123500  
DESCRIPTORS: amethyst; bixbyite; collecting; crystals; framework silicates; igneous rocks; Marysville Utah ; mineral localities; oxides; Piute County Utah ; popular geology; rhyolites; rutile; silica minerals ; silicates; United States; Utah ; volcanic rocks

G013. TITLE: A case study approach to teaching environmental mineralogy  
AUTHOR(S): Lang, Helen Marie  
SOURCE: Journal of Geoscience Education vol. 46 no. 4; p. 354-363  
DATE: 199809  
ISSN: 1089-9995 REFS.: 36  
ILLUSTRATIONS: illus. incl. 4 tables  
DESCRIPTORS: asbestos; case studies; college-level education; Colorado ; curricula; education; environmental geology; Hawk's Nest Incident; medical geology; metal ores; mineralogy ; minerals ; mines; mining; Nevada ; New York; Nye County Nevada ; pollution; radioactive waste; silica; silicates; silicosis; Summitville Mine; United States; waste disposal; West Virginia; Yucca Mountain

G014. TITLE: Rock hound's corner  
AUTHOR(S): Hausel, W. Dan  
SOURCE: Wyoming Geo-Notes vol. 58 p. 68-70  
DATE: 199805  
ISSN: 8756-0348  
DESCRIPTORS: collecting; diamonds; economics; gems; host rocks; igneous rocks; intrusions; kimberlite; mineral resources; pipes; plutonic rocks; popular geology; price; production; production value; ultramafics; United States; Wyoming

G015. TITLE: The relationship of structure, alteration, and stratigraphy to formation of the Deep Star gold deposit, Eureka County, Nevada  
AUTHOR(S): Clode, C. H.; Grusing, S. R.; Heitt, D. G.; Johnston, I. M.  
MONOGRAPH TITLE: Carlin-type gold deposits field conference  
EDITOR(S): Vikre, Peter; Thompson, Tommy B.; Bettles, Keith; Christensen, Odin; Parratt, Ron  
SOURCE: Guidebook Series vol. 28 p. 239-256  
DATE: 1997  
ISBN: 18874832410

REFS.: 31

ILLUSTRATIONS: illus. incl. 1 table, sketch maps

COORDINATES: Latitude: N391000 ; N410000 ; Longitude: W1154500 ; W1163500

DESCRIPTORS: breccia; carbonate rocks; carlin-type; clastic rocks; Deep Star Deposit; disseminated deposits; Eureka County Nevada ; gold ores; host rocks; hydrothermal alteration; metal ores; metasomatism; mineral deposits; genesis; mineralization ; Nevada ; sedimentary rocks; stratigraphic controls; structural controls; United States

- G016. MONOGRAPH TITLE: New Mexico rockhounding; a guide to minerals, gemstones, and fossils  
AUTHOR(S): Voynick, Stephen M.  
PUBLISHER: Mountain Press Publishing Company, Missoula, MT, United States  
DATE: 1997 308 p.  
ISBN: 0-87842-360-5  
REFS.: 106  
DESCRIPTORS: collecting; fossil localities; fossils; gems; mineral localities; minerals ; New Mexico ; popular geology; United States

#### PETROLEUM/PETROLEUM ENGINEERING

- G017. MONOGRAPH TITLE: An assessment of in-place gas in tight and near-tight reservoirs, Wind River Indian Reservation, Wyoming  
AUTHOR(S): Johnson, Ronald C.; Crovelli, Robert A.; Finn, Thomas M.; Lowell, Bradley G.  
SOURCE: Open-File Report - U. S. Geological Survey  
DATE: 1998 163 p.  
REPORT NO.: OF 98-0240-A  
NOTE: Prepared in cooperation with the U.S. Department of Energy Morgantown Energy Technology Center
- G018. MONOGRAPH TITLE: Geology of the Florida Mountains, southwestern New Mexico  
AUTHOR(S): Clemons, Russell E.  
PUBLISHER: New Mexico Bureau of Mines and Mineral Resources, Socorro, NM, United States  
SOURCE: Memoir - New Mexico, Bureau of Mines and Mineral Resources vol.43  
DATE: 1998 112 p. 4 sheets  
ISSN: 0548-5975  
NOTE: Individual chapters are not cited separately

#### ....and a few more Topics:

##### ANIMAL

- T001. Gaillard, J.-M., R. Andersen, D. Delorme, and J.D.C. Linnell. Family effects on growth and survival of juvenile roe deer. Ecology; Vol. 79, no. 8 (December 1998): p. 2878.
- T002. Howery, Larry D., Frederick D. Provenza, George B. Ruyle and Nancy C. Jordan. How do animals learn if rangeland plants are toxic or nutritious. Rangelands; Vol. 20, no. 6 (December 1998): p. 4.
- T003. Stapp, Paul. A reevaluation of the role of prairie dogs in Great Plains grasslands. Conservation Biology; Vol. 12, no. 6 (December 1998): p. 1253.
- T004. Tewksbury, Joshua J., Sallie J. Hejl, and Thomas E. Martin. Breeding productivity does not decline with increasing fragmentation in a Western landscape. Ecology; Vol. 79, no. 8 (December 1998): p. 2890.

##### AQUATIC

- T005. McCann, Kevin. Density-dependent coexistence in fish communities. Ecology; Vol. 79, no. 8 (December 1998): p. 2957.
- T006. Moyle, Peter B. and Paul J. Randall. Evaluating the biotic integrity of watersheds in the Sierra Nevada, California. Conservation Biology; Vol. 12, no. 6 (December 1998): p. 1318.
- T007. Vadas, Robert L. And Donald J. Orth. Use of physical variables to discriminate visually determined mesohabitat types in North American streams. Rivers; Vol. 6, no. 3 (1998)

##### DIVERSITY

- T008. Bookbinder, Marnie P. et al. Ecotourism's support of biodiversity conservation. Conservation Biology; Vol. 12, no. 6 (December 1998): p. 1399.
- T009. Giblin, David and Rich Pagen. Graduate students as an untapped resource for public outreach. Conservation Biology; Vol. 12, no. 6 (December 1998): p. 1421.

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- T013. King, David I., Richard M. DeGraaf, and Curtice R. Griffin. Edge-related nest predation in clearcut and groupcut stands. *Conservation Biology*; Vol. 12, no. 6 (December 1998): p. 1412.

## GEOLOGY

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- T015. Crampton, Lisa H. And Robert M.R. Barclay. Selection of roosting and foraging habitat by bats in different-aged aspen mixedwood stands. *Conservation Biology*; Vol. 12, no. 6 (December 1998): p. 1347.

## HAZARDOUS

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## RANGELAND

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- T018. Foster, Bryan L. And Katherine L. Gross. Species richness in a successful grassland: effects of nitrogen enrichment and plant litter. *Ecology*; Vol. 79, no. 8 (December 1998): p. 2593.
- T019. Harditt, Donald L. And Neil W. Sawyer. Distribution of alkaloid-rich plant species in shortgrass steppe vegetation. *Conservation Biology*; Vol. 12, no. 6 (December 1998): p. 1260.
- T020. Jacobs, James S., Michael F. Carpinelli, and Roger L. Sholey. Revegetating wood-infested rangeland: what we've learned. *Rangelands*; Vol. 20, no. 6 (December 1998): p. 10.
- T021. Jensen, Martin H. The Uncompahgre Rangeland Initiative Project: an example of how to make the National Environmental Policy Act more efficient. *Rangelands*; Vol. 20, no. 6 (December 1998) p. 16.
- T022. From, Mark and Asit Mazumdar. Reversal of grazing impact on plant species richness in nutrient-poor vs. nutrient-rich ecosystems. *Ecology*; Vol. 79, no. 8 (December 1998): p. 2581.

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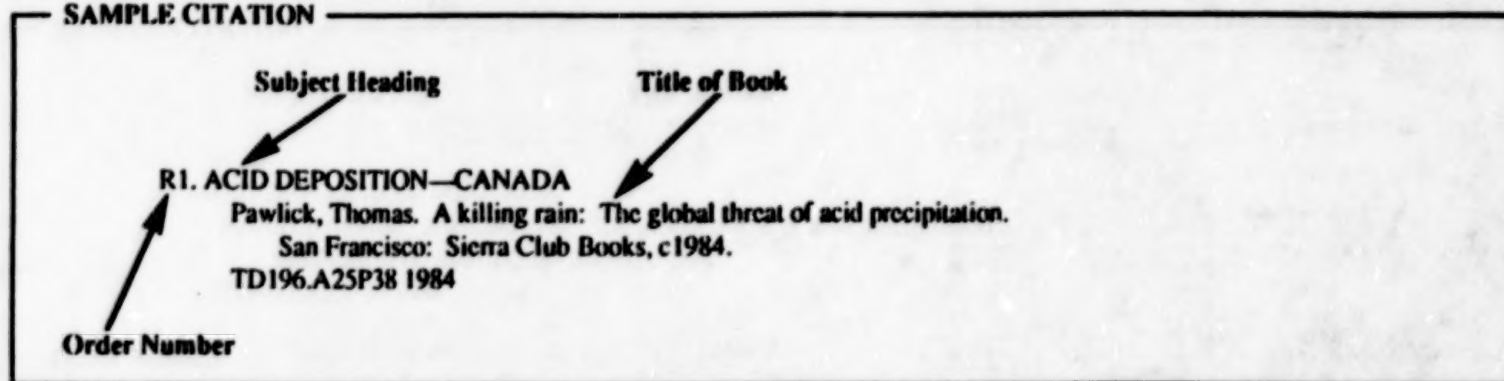
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